DIMENSION ONE SPAS®

@Home Collection

OWNER'S GUIDE

@home Collection
Owner's Guide

Spa Information

My Spa: _____

Model Name: _____

Serial Number: _____

Date Installed: _____

Dealer's Name: _____

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IMPORTANT SAFETY INSTRUCTIONS

READ AND FOLLOW ALL INSTRUCTIONS CAREFULLY

When installing and using this equipment, basic safety precautions should always be followed, including:

• **DANGER Risk of Accidental Drowning.** Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children cannot use or approach the spa unless they are supervised at all times.

• **DANGER Risk of Serious Injury or Death.** The suction fittings in this spa are sized to match the specific water flow created by the pump. Should the need arise to replace the suction fittings or the pump, be sure that the flow rates are compatible. Never operate the spa if the suction fittings are broken or missing. Never replace a suction fitting with one rated less than the flow rate marked on the original suction fitting.

• **DANGER Risk of Electric Shock.** Install at least 5 FEET (1.5 m), from all metal surfaces. As an alternative, a spa may be installed within 5 feet of metal surfaces if each metal surface is permanently connected by a minimum No. 8 AWG (8.4 mm2) solid copper conductor attached to the wire connector on the grounding lug, inside the equipment compartment on the equipment can.

• **DANGER Risk of Electric Shock.** Do not permit any electrical appliance, such as a light, telephone, radio, television, etc. within 5 feet (1.5 m) of a spa. Never operate any electrical appliances from inside the spa or when you are wet.

The electrical supply for this spa must include a suitably rated switch or circuit breaker to open all ungrounded supply conductors to comply with section 680-42 of the National Electrical Code, ANSI/NFPA 70-1993. The disconnect must be readily accessible and visible to the spa occupant but installed at least 5 feet (1.5 m), from the spa water.

A grounding wire connector is provided on this spa to connect a minimum No. 8 AWG (8.4 mm2) solid copper conductor between this unit and any metal equipment, metal enclosures of electrical equipment, metal water pipe, or conduit within 5 feet (1.5 m) of the spa. Do not attempt to remove the light housing cover without lowering the water level below the light housing cover.

• **To Reduce the Risk of Injury:** The water in a spa should never exceed 104° F (40° C). Water temperatures between 100° F (38° C) and 104° F (40° C) are considered safe for a healthy adult. Lower water temperatures are recommended for young children and when spa use exceeds 10 minutes.

• **To Reduce the Risk of Injury:** Since excessive water temperatures have a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 100° F (38° C).

• **To Reduce the Risk of Injury:** Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature-regulating devices may vary as much as +/- 5° F (2° C).

• **To Reduce the Risk of Injury:** The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.

• **To Reduce the Risk of Injury:** Pregnant women, the elderly, infants, or persons suffering from obesity or with a medical history of heart disease, low or high blood pressure, circulatory system problems, or diabetes, should consult a physician before using a spa. People with infectious diseases should not use a hot tub.

• **To Reduce the Risk of Injury:** Persons using medication should consult a physician before using a spa since some medication may induce drowsiness, while other medication may affect heart rate, blood pressure, and circulation.

Observe a reasonable time limit when using the spa. Long exposures at high temperatures can cause high body temperature. Symptoms may include dizziness, nausea, fainting, drowsiness, and reduced awareness. These effects could result in possible drowning. Enter and exit the spa slowly. Wet surfaces can be very slippery.

Proper chemical maintenance of spa water is necessary to maintain safe water and prevent possible damage to spa components.

Use the spa straps and clip tie downs to secure the cover when not in use. This will help to discourage unsupervised children from entering the spa and keep the spa cover secure in high wind conditions. There is no guarantee that the cover, clip tie downs, actual locks will prevent access to the spa.

SAVE THESE INSTRUCTIONS

In addition to the preceding safety instructions, Canadian owners should read and understand the following information from the Canadian Safety Association:

• A green colored terminal or a terminal marked G, GR, Ground, Grounding, or the symbol * is located inside the supply terminal box or compartment. To reduce the risk of electric shock, this terminal must be connected to the grounding means provided in the electric supply service panel with a continuous copper wire equivalent in size to the circuit conductors supplying this equipment.

• IEC Publication 417, Symbol 5019.

• At least two lugs marked "BONDING LUGS" are provided on the external surface or on the inside of the supply terminal box/ compartment. To reduce the risk of electric shock, connect the local common bonding grid in the area of the hot tub or spa to these terminals with an insulated or bare copper conductor not smaller than No. 6 AWG.

• All field-installed metal components such as rails, ladders, drains or other similar hardware within 3 meters of the spa or hot tub shall be bonded to the equipment grounding bus with copper conductors not smaller than No. 6 AWG.

• Children should not use spas or hot tubs without adult supervision.
• *Avertissement: ne pas laisser les enfants utiliser une cuve de Relaxation sans surveillance.*

• Do not use spas or hot tubs unless all suction guards are installed to prevent body and hair entrapment.
• *Avertissement: pour éviter que les cheveux ou une partie du corps puissent tre aspirés, ne pas utiliser une cuve de relaxation si lesgrilles de prise d'aspiration ne sont pas toutes en place.*

• People using medications and/or having adverse medical history should consult a physician before using a spa or hot tub.
• *Avertissement: les personnes qui prennent des médicaments ou ont des problèmes de santé devraient consulter un médecin avant d'utiliser use cuve de relaxation.*

• People with infectious diseases should not use a spa or hot tub.
• *Avertissement: les personnes atteintes de maladies infectieuses ne devraient pas utiliser une cuve de relaxation.*

• To avoid injury, exercise care when entering or exiting the spa or hot tub.
• *Avertissement: pour éviter des blessures, user de prudence en entrant dans une cuve de relaxation et e sortant.*

• Do not use drugs or alcohol before or during the use of a spa or hot tub to avoid unconsciousness and possible drowning.
• *Avertissement: pour éviter l'évanouissement et la noyade eventuelle, ne prendre ni drogue ni alcool avant d'utiliser une cuve de relaxation ni quand on s'y trouve.*

• Pregnant or possibly pregnant women should consult a physician before using a spa or hot tub.
• *Avertissement: les femmes enceintes, que leur grossesse soit confirmée ou non, devraient consulter un médecin avant d'utiliser une cuve de relaxation.*

• Water temperature in excess of 38° C may be injurious to your health.
• *Avertissement: il peut tre dangereux pour la santé de se plonger Dans de l'eau à plus de 38°c.*

• Before entering the spa or hot tub, measure the water temperature with an accurate thermometer.
• *Avertissement: avant d'utiliser une cuve de relaxation mesurer la température de l'eau à l'aide d'un thermomètre précis.*

• Do not use a spa or hot tub immediately following strenuous exercise.
• *Avertissement: ne pas utiliser une cuve de relaxation immediatement après un exercice satigant.*

• Prolonged immersion in a spa or hot tub may be injurious to your health.
• *Avertissement: l'utilisation prolongée d'une cuve de relaxation peut tre dangereuse pour la santé.*

• Do not permit electric appliances (such as a light, telephone, radio, television, etc.) within 1.5m of this spa or hot tub.
• *Avertissement: ne pas placer d'appareil électrique (luminaire, téléphone, radio, téléviseur, etc.) À moins de 1.5 M de cette cuve de relaxation.*

• Maintain water chemistry in accordance with manufacturer's instructions.
• *Attention: la teneur de l'eau en matierès dissoutes doit tre conforme aux directives du fabricant.*

• The use of alcohol or drugs can greatly increase the risk of fatal hyperthermia in hot tubs and spas.
• *Avertissement: la consomm ation d'alcool ou de drogue augmente considèrablement les risques d'hyperthermie mortelle dans une cuve de relaxation.*

SAVE THESE INSTRUCTIONS

HYPERTHERMIA

Prolonged immersion in hot water may induce hyperthermia. Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 98.6°F, or 37°C. The symptoms of hyperthermia include dizziness, drowsiness, lethargy, and fainting. The effects of hyperthermia include:

- Failure to perceive heat,
- Failure to recognize the need to exit spa,
- Unawareness of impending hazard,
- Fetal damage in pregnant women,
- Physical inability to exit spa,
- Unconsciousness resulting in the danger of drowning.

SAFETY DO'S AND DONT'S

DO

- **DO** read all operating instructions.
- **DO** read, understand and follow all Safety, Danger and Warning instructions before use.
- **DO** test water temperature with your hand before entering to be sure that it is comfortable.
- **DO** keep the spa cover closed when the spa is not in use. This is important for safety and for economical spa operation.

DON'T

- **DON'T** block the equipment compartment vents. Blockage may cause damage to the spa equipment and will void the warranty.
- **DON'T** block or sit on the filter recess area.
- **DON'T** allow horseplay or unsupervised use of your spa.
- **DON'T** allow anyone to tamper or play with any of the safety or suction fittings of your spa.

WARNING LABELS

Each D1 spa has been provided with a Warning Sign and an Important Notice Label.

This label outlines safety precautions.

This sign should be permanently placed in a location that is visible to the spa user.

PRE-INSTALLATION TIP

Ask your dealer to check on the following items during installation. If your dealer/electrician is not setting up your tub, you can easily do these two tasks yourself by removing the front panel of equipment compartment using a Phillips screwdriver.

1. Check that the pump unions are hand tight to prevent possible leakage.

2. Remove the shipping bolts located on the front of the pump mount if they have not yet been removed.

INSTALLATION

Installation consists of placing your new hot tub in a suitable location, connecting it to an electrical outlet with the proper rating and filling it with water. Position your hot tub in an area with good drainage and provide a flat, solid surface that fully contacts the bottom of the hot tub.

If you choose to install your hot tub on a raised deck or indoors, we recommend you contact a licensed contractor to confirm the surface will hold the hot tub when filled with water and that the surrounding area is appropriate for installation. Movement of your deck or slab may result in damage which is not covered by warranty. Locate your hot tub so that the equipment is above grade and not subject to flooding. Water should always drain away from the unit. If you are placing your hot tub next to an obstacle, such as a fence or wall, be sure that you place the unit with the equipment compartment facing forward for easy equipment access.

ELECTRICAL CONNECTION

IMPORTANT: About your GFCI Circuit Breaker — The GFCI (Ground Fault Circuit Interrupter — also called a "circuit breaker") is an electrical safety switch that automatically shuts off power to the spa in case of an electrical malfunction. There must be a GFCI installed according to your local building codes in an electrical power box near your spa.

The GFCI should be OFF before you fill your spa. Manually turn off power to the spa any time by using the GFCI. Just push the switch to the OFF position. After turning off the GFCI, make sure the control panel display window is blank, so you know the power is off. When you are ready to turn the power back on, reset the GFCI by returning the switch to the ON position. Do not use your spa unless you understand the operation of the GFCI.

The "Journey" model comes with a GFCI on the cord, and no additional electrical set up should be required.

FILL AND START

WARNING: Do not turn on electrical power to your hot tub until told to do so later in this manual.

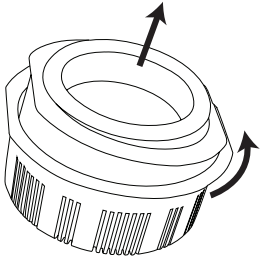
First, locate the equipment compartment and use a Phillips head screwdriver to remove screws and open the compartment. With your installer, check the pump unions for hand-tightness and ensure the gate valves are open with red safety clips in place.

NOTE: Have the installer remove the shipping bolts on each pump mount prior to start up.

To start-up your new hot tub, follow these instructions:

1. Lift the center float of the skimmer assembly until it is fully extended. Rotate skimmer assembly counterclockwise and lift to remove.

2. Rotate the E-Z Lock Filter cartridge counterclockwise
90 degrees and remove.



3. If the spa has a bleeder valve in the skimmer area remove it to allow air to escape from the pump(s) while filling the spa. To remove the bleeder, unscrew it until it comes all the way out of the spa wall.

NOTE: Remember to replace the bleeder valve after the pumps are operational.

4. Place the hose in the empty filter canister and fill the hot tub to within 6 inches of the top. Make sure the drain is closed before filling, by making sure the hose bib (image) is screwed on to the drain. The drain is located at the bottom of the hot tub, to the lower right side of the equipment compartment. The drain allows you to connect a hose to your spa when you want to drain it. Make sure the valve handle is closed, by having the handle perpendicular to the pipe.

5. Once full, replace the filter and skimmer and turn on the power.

OPEN

CLOSED

6. Push the JETS Button twice (use the JETS 1 Button). Let the system run for 30 to 45 seconds to prime the pump. Push the button again to shut the pump off. If the spa has two jet pumps, repeat the process by pushing the JETS 2 Button once to run it at high speed and prime that pump. If the jets do not start, there is air trapped in the plumbing lines. To eliminate the trapped air, turn the pumps on and off several times to force the trapped air through the pumps. One minute after the power is turned on, the spa will automatically begin its first one-hour filtration cycle.

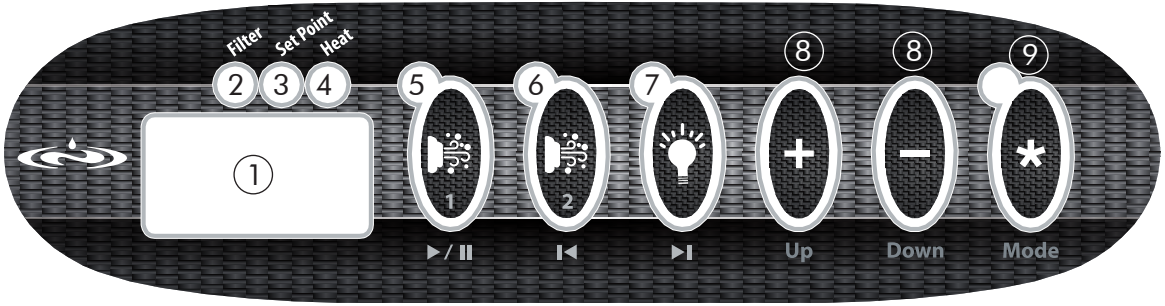
7. Set the water temperature by pushing the UP/DOWN Buttons. The spa will not allow the temperature to be set above 104°F (40° C). After a few seconds, the screen will revert to showing the current water temperature. It will take approximately 8 hours to heat (under normal temperatures). Whenever the temperature falls below the Set Temperature, the spa will turn on the heater and run the pump at low speed to bring it back up to the Set Temperature.

8. After completing the above steps, see the Water Care section to ensure proper water chemistry.

9. Place the cover on the spa to conserve energy, ensure safety and protect the spa so it is ready for use.

CONTROL PANEL

Press any button to activate the keypad. After 2 minutes without activity, the keypad will go dark.



The pictured control is the two pump version, models that have one pump will only have one "Jets" button.

1. Display Window
Shows the current status of the hot tub

2. Filter Indicator Light
Glows when a filter cycle is in progress.

3. Set Indicator Light
Glows when the temperature displayed is the desired temperature, not the actual water temperature.

4. Heat Indicator Light
Glows when the heater is on.

5. Jets Button 1
Push once for low speed, twice for high speed. Push a third time to turn off

6. Jets Button 2
Push once to turn on, twice to turn off

7. Light Button
Turns light on and off. To lock or unlock a color, turn light off for three seconds, then on again.

8. Up and Down Buttons
Change desired water temperature.

9. Mode Button
Opens the audio and/or options menus.

MODE BUTTON MENU

Audio Menu

If your spa is equipped with a stereo option, press once to enter Auxilery audio mode indicated by an AUX in the display window.
Use the buttons marked ▶II ◀I I▶ to play, pause, or skip tracks when a device is connected to the bluetooth stereo. (See pg. 14)

Options Menu

To open the options menu, hold the Mode button for three seconds. Once in the menu, use the Up and Down buttons to adjust each option. Push the Mode button to move to the next option. If you don't push anything for ten seconds, the menu will quit and save your changes automatically.

Filter Cycle Length: Choose from 60, 90, 120, 150 or 180 minutes.

Filter Cycles Per Day: Choose from one, two, three or four cycles.

Temperature Units: Choose from fahrenheit (°F) or celsius (°C).

NOTE: A built-in timer will automatically shut the pump off after 30 minutes (60 minutes on some models), unless it is turned off manually. A new 30-minute cycle begins for each pump when its JETS button is pushed. Use this function to cause the spa to filter immediately after use— just push the Jets button once when you get out.

ADDITIONAL SPA FEATURES

JET ZONE SELECTOR (Large knob)

Rotate the jet zone selector knob(s) to move the flow of water from one group of jets to another.

WATER FEATURE FLOW CONTROL (Small knob)

Rotate this control knob to adjust the pressure of water flow coming from the Liquid-FX fountain.

JET THERAPY PILLOW

D1's patented Jet Therapy Pillow has five adjustable height positions. Gently pull the bottom of the pillow forward and slide it up or down the guide rails. Adjust the water flow from the jets by rotating each nozzle.

BLUETOOTH STEREO

The optional stereo system operates using Bluetooth technology and features an amplifier, subwoofer and two speakers.

Turn on the Bluetooth functionality on your personal device. Once it searches for nearby connections, select the "Gecko in.stream" option. If prompted, enter 5555 as the password to pair your device. The Gecko in.stream can pair up to 8 devices but it will connect to first connected device in range of the hot tub. After you have paired your device, you may connect and disconnect from the in.stream Audio System at any time using your device.

CARE AND MAINTENANCE

WATER CARE

To keep your water clean and clear, follow these water care guidelines: Once a week, check water chemistry with a test strip. Add chlorinating granules, pH up, pH down and other chemicals as required.

Step 1 – Check Alkalinity. It should be between 80 and 120 ppm. Adjust as required with Alkalinity Up pH/Alkalinity Down.

Step 2 – Check pH. It should be between 7.2 and 7.8. Adjust as required with pH Up or with pH/Alkalinity Down.

Step 3 – Check Chlorine Level. 3-5 ppm recommended. Adjust with DiChlor.

TIP: After each use add ½ ounce of DiChlor per user. This will make weekly maintenance easier.

• Once a month, rinse your filters using your garden hose.

• Every two months, soak your filters in filter cleaning solution. Be sure to rinse your filter thoroughly before putting it back in your spa.
Every six months, drain and refill your spa.

• Once a year, replace your filter.

• Once every 18 months, replace your ozone generator bulb (if applicable). Contact your Authorized D1 Dealer for replacemant parts and/or to service your ozone system.

SURFACE CARE

IMPORTANT: Do not use alcohol, ammonia, bleach or any citrus-based cleaners on any of your spa surfaces.

IMPORTANT: Protect the spa surface from the sun and the cold: Keep the hot tub covered when empty of water. Sunlight and extreme cold can damage the surface and cause it to peel or blister.

Spa Interior: Use spa cleaner and a soft rag to clean the inside of your hot tub.

Control Panel: Use baking soda and water to clean the control panel.

Cabinets: For Terracina and/or Envirotect Cabinets: Clean with soap and water to maintain finish.

Vinyl Covers: To maintain a “nearly original” appearance on your vinyl cover, it is recommended that a protectant with a high SPF (sun protection factor) is applied at least once a month if exposed to direct sunlight. You will also want to clean and condition your cover monthly (or as needed based on exposure.) For more information, consult your dealer.

DRAINING

Disconnect the power to your hot tub before draining it. Find the hose bib - see fill and start section for more information on the hose bib - and attach one end of your garden hose. Place the other end in an area safe for water runoff. Turn the switch to the left to release the water. Once the hot tub is drained, turn the switch back to the right to close the valve.

IMPORTANT: Keep the hot tub covered when empty of water. Sunlight and extreme cold can damage the surface and cause it to peel or blister.

COLD WEATHER

All D1 spas are designed for year-round use. Your hot tub has an automatic freeze protection mode to circulate water during freezing weather, assuming the system has electrical power and the proper water level. However, if freezing weather prohibits normal use, an authorized service provider should winterize your hot tub. Draining the hot tub will not prevent freeze damage, as small amounts of water in the plumbing can expand and damage the system. Winterizing the hot tub is specifically not covered by the manufacturers' warranty, so you should contact a professional to both winterize and restart your hot tub if necessary.

TROUBLESHOOTING

For help troubleshooting common occurrences, contact your local dealer. If you need further assistance, you can email our service department at:

USA: service@d1spas.com

International: Service-Europe@d1spas.com

ERROR MESSAGES

Temperature over 112°F (44°C)
DO NOT ENTER THE WATER. Your hot tub has overheated. Open the cover and allow the spa to cool below 110°F (43°F). Once the water has cooled, reset your GFCI to restart your spa.

Flashing Control Panel Lights
DO NOT ENTER THE WATER. Check your spa level and clean your filter. Reset your GFCI if the control panel still flashes.

Wrong Temperature
DO NOT ENTER THE WATER. The actual spa temperature is unknown.

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